be in a substantially horizontal orientation and extending outwardly from the tray for resting on front upper positions of legs. The at least two folding wing supports may be hingedly connected to the flange of the tray structure.

[0014] The ergonomic urological catheterization/irrigation tray wherein recessed area includes a divider wall creating two separate compartments. The divider wall has a minimum height that is less than minimum heights of all of the opposing sidewalls, the front and the back.

[0015] The ergonomic urological catheterization/irrigation tray wherein the at least two folding wing supports are hingedly connected to the flange of the tray structure, e.g. with hinge pins or unistructurally molded living hinges.

[0016] The ergonomic urological catheterization/irrigation tray kit wherein the at least two folding wing supports are hingedly connected to the back of the tray.

[0017] The ergonomic urological catheterization/irrigation tray wherein the at least two folding wing supports are hingedly connected to the front of the tray structure.

[0018] The ergonomic urological catheterization/irrigation tray wherein the tray has tapered sidewalls adapted to accommodate legs.

[0019] The ergonomic urological catheterizationlirrigation tray kit wherein the bottom has non-flat topography.

[0020] The present invention also includes an ergonomic urological catheterization/irrigation tray kit. The kit includes:

[0021] (a.) the tray described above;

[0022] (b.) a Foley catheter;

[0023] (c.) a urinary tract lubricant;

[0024] (d.) surgical gloves;

[0025] (e.) an inflation syringe for inflation of a catheter with fluid;

[0026] (f.) irrigation syringe;

[0027] (g.) evacuation tubing; and,

[0028] (h.) antiseptic solutions.

BRIEF DESCRIPTION OF THE DRAWINGS

[0029] The present invention should be more fully understood when the specification herein is taken in conjunction with the drawings appended hereto wherein:

[0030] **FIG. 1** shows a top oblique view of one embodiment of the present invention ergonomic urological catheterization/irrigation tray;

[0031] **FIG. 2** shows a bottom oblique view of the present invention device shown in **FIG. 1**;

[0032] **FIG. 3** shows a top view of the present invention device show in **FIG. 1**;

[0033] **FIG. 4** illustrates a backend view of the present invention device shown in **FIG. 1**;

[0034] **FIG. 5** illustrates a side view of the present invention device shown in **FIG. 1**;

[0035] **FIG. 6** shows a front view of the present invention device shown in **FIG. 1**;

[0036] **FIG. 7** shows a bottom oblique view of one embodiment of a support wing used with a present invention tray; and,

[0037] **FIG. 8** shows a top view of a present invention ergonomic urological catheterization/irrigation try kit.

DETAILED DESCRIPTION OF THE PRESENT INVENTION

[0038] **FIG. 1**, showing a top oblique view, **FIG. 2** showing a bottom oblique view, **FIG. 3** showing a top view, **FIG. 4** showing a backend view, **FIG. 5** showing a side view, **FIG. 6** showing a front view, taken together illustrate a present invention catheterization/irrigation tray **1**. It includes a recessed area **3** that includes a front **5**, opposing side walls **7** and **9**, bottom **11**, back **13** and flange **15**. The back **13** has a width that is significantly less than the width of front **5** such that opposing side walls **7** and **9** are non-parallel and tapered towards each other from front **5** to back **13**. Thus, recessed area **3** has a generally trapezoidal footprint from a top view. Note also that, in this embodiment bottom **11** is not horizontally and, thus recessed area **3**, has a non constant depth. In this embodiment bottom **11** has terraced arrangement with low area **11**A and shallow area **11**B (**FIG. 2**). Top flange **15** extends outwardly from opposing side walls **7** and **9** and acts in part so that a patient may have flange **15** rest on front upper portions of the patient's legs when in a seated position.

[0039] Optionally, but preferred, folding wing supports **21** and **23** are hingedly connected to side walls **7** and **9**, respectively, and have two distinct positions. Wing support **21** is open so as to be substantially horizontally and wing support **23** is closed and thus in alignment with side wall **9**. When not in use, both would be closed (folded down) and when in use would be opened. Drain **19** is located near bottom **11** for liquid drainage and may be directly connected to one or two drain holes in bottom **11**. Drain **19** may be connected to flexible tubing and into a receiving receptance or safe drain, or may otherwise be used in accordance with acceptable standards and procedures. Optional divider wall **17** creates two separate compartments. The top **25** of divider wall **17** is lower than the top edges of recessed area **3**. Thus, should fluids totally fill the volume behind divider wall **17**, fluids will over flow into compartment **27** rather than spill over flange **15**.

[0040] Optional Foley catheter lubricating wells **31** and **33** are available for right handed and left handed users so that lubricating material could be applied to the catheter or other insertion device by filling the well with lubricant and then sliding the device through the lubricant in the well.

[0041] A patient requiring an urological procedure may be positioned with tray **1** at back **13** below the scrotum and penis with flange **15** preventing the back portion of tray **1** from sliding or dropping downwardly between the patient's legs by resting the front upper portions of the legs while support wings **21** and **23** will perform a similar function for the front portion of tray **1**. The surgeon will proceed to evacuate the bladder of its contents, urine and/or clots.

[0042] Bracket sets **35** and **37** are integrally formed into the device with orifices adapted to receive the support wings. **FIG. 7** shows support wing **21** from a bottom, oblique view in its open position, it includes, a main rest bar **41**, pivot axle **43** that inserts directly into the orifices of the bracket sets and stops such as stop **45** to maintain a firm horizontal position when open.